

WrapShield SA Self-Adhered is a water resistive highly vapor permeable **Water Resistive Barrier (WRB) and Air Barrier (AB)** sheet membrane.

- No Primers Required
- Advanced Technology Adhesive
- Zero VOC's
- Low Temperature Application

Superior Building Envelope Protection

- Resists bulk water infiltration
- Allows building materials to dry out
- High drying capacity (permeability) reduces risk of damage from moisture infiltration, mold, mildew and rot

Cost Advantage

- No primer required, avoids costly delays due to primer application restrictions
- Apply to a clean and dry to the touch substrate, no additional substrate preparation is required
- Reduces contractor liability by using fully tested VaproShield system: single source membranes, flashings and sealants
- VaproShield flashing accessories eliminate the need for untested, third-party components
- Long-term durability with standard 20 year material warranty
- Manufactured rolled goods ensure consistent properties and performance
- Optimal substrate coverage using 95% net of sheet good

Phase Construction Friendly

- Applicable for all climates and weather conditions
- Installs in temperatures as low as 20°F (-6° C)
- Non-directional horizontal or vertical application
- No special installation equipment required
- Sustains six (6) months, 180 days UV and climate exposure prior to cladding installation

Energy Efficiency

- Easily create a continuous air barrier system and transitions when used with VaproShield accessories
- Reduces energy consumption for the life of the building when used with VaproShield Air Barrier Systems approach

Environmental Sustainability

- Emits zero VOC's, no exposure to harmful chemicals during installation
- Contributes to LEED points
- Helps to maintain a healthy building and supports energy efficiency



WrapShield SA Self-Adhered innovative adhesive bonds directly to virtually all substrates by simply pulling off the clear release paper and smoothing with a roller, eliminating the need for substrate/joint/corner preparation.

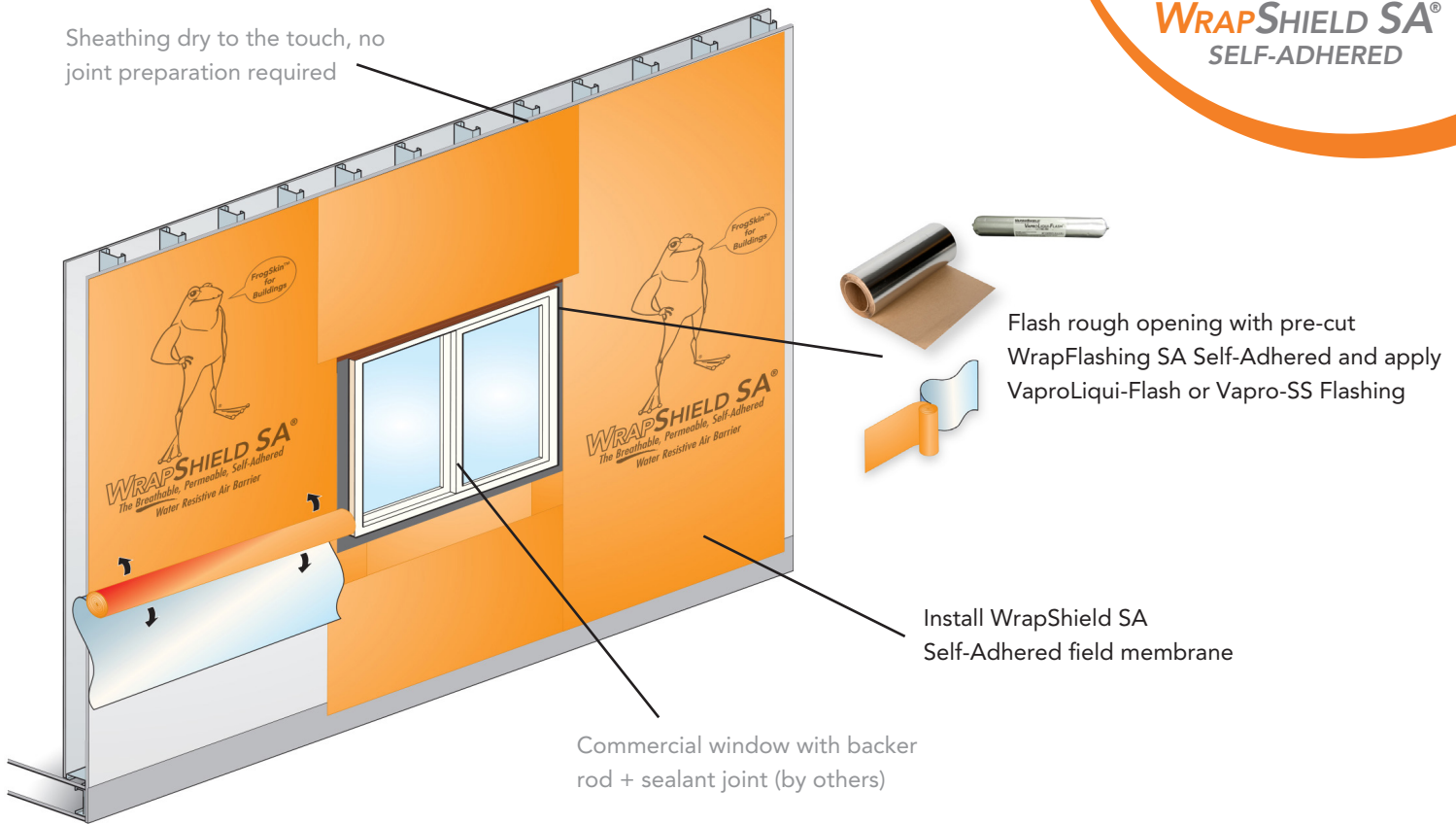


Radisson BLU Minneapolis, MN

WrapShield SA Self-Adhered was successfully installed without any construction delays during the harsh Minnesota winter. The average temperature was between 10–30°F (-12– -1°C) with frequent high winds.



First water resistive barrier/air barrier sheet good membrane to earn Declare label, placing the system at the forefront of the transparency movement.



Two Component WRB/Air Barrier System: Fast, Simple Efficient

- Installed costs average 30-50% LESS than competitors by eliminating joint, corner and substrate treatments, tapes, adhesives and spray equipment
- Follow the construction schedule, not Mother Nature, apply membranes in virtually any weather; below freezing, before/after rain events
- Achieve complete air barrier continuity by managing only TWO components in the field, drastically reducing training and installation time

PASS	STANDARD TEST	RESULT
Water Vapor Transmission (WVT)	ASTM E398	52.57 Perm (grain/h•ft ² •inchHg) 3008 ng/Pa•s•m ²
Water Resistance	AATCC – 127	PASS (22in. head of water – 5 hrs)
Adhesion to backing	ASTM D3330	PASS
Application Temperature		Air & Surface minimum + 20°F (-6.67°C) and rising
Breaking Strength / Elongation	ASTM D5034	MD 88 lbf (391 N) CD 83 lbf (369 N)

PROPERTY	STANDARD TEST	RESULT
AIR BARRIER TESTING		
Air Permeance	ASTM E2178	0.0001 L/s•m ² @ 75 Pa (0.0000 cfm/ft ² @ 1.57 psf)
Air Barrier Assembly	ASTM E2357	<0.01 L/s•m ² @ 75 Pa (<0.01 cfm/ft ² @ 1.57 psf)
FIRE TESTING		
Flame Spread	ASTM E84	5 – Class A
Smoke Developed Index	ASTM E84	15 – Class A
Assembly Fire Test	NFPA 285	Contact VaproShield Technical Team 1-866-731-7663 opt. 5

Visit VaproShield.com for:



Comprehensive Testing Data



Installation Instructions



Details